

Pedro J. Pizá Serra, P.E.

P.O. Box 1373

Ponce, PR 00732

Work: (787)844-0222

Fax : (787)842-9809

OBJECTIVE

Consulting Electrical and Communications Engineer

EDUCATION

University of Puerto Rico, Mayagüez, P.R.

B.S. in Electrical Engineering, May 1970.

Professional Engineering License, 1971.

Federal Communication Commission (FCC)

Engineering License, First Class Radiotelephone
with Radar Endorsement, 1971.

FCC Extra Class Communication Licenses, 1972.

Graduate from Foxboro in Pneumatic and Electronics
Industrial Instrumentation 1972.

PROFESSIONAL EXPERIENCE

1997-Present Consultant Engineer for Telecellular, Inc. (Texas)

1997-Present Consultant Engineer for CODECOM.

1997-Present Consultant Engineer for Banco Popular de P.R.

1996-1996 Consultant Engineer for WCAD-FM BPS of Puerto Rico, Inc.

1996-Present Consultant Engineer for Centennial of P.R.

1996-Present Consultant Engineer for Southern Fabricators and Erectors.

1996-Present Consultant Engineer for Ericsson, Inc.

1996-Present Consultant Engineer for San Francisco Communications

1995-Present Consultant Engineer for WKAQ.

1995-Present Consultant Engineer for WAPA-TV Channel 4 Pegasus Broadcasting.

1995-Present Consultant Engineer for Westinghouse Electric.

1995-Present Consultant Engineer for DOC/NOAA/National Services.

1995-Present Consultant Engineer for ProCaribe.

1995-Present Consultant Engineer for Puerto Rico Energy & Power Authority.

1995-Present Consultant Engineer for LAC Communication.

1995-Present Consultant Engineer for TCI Cable Co.

1995-Present Puerto Rico Cement - Design and installation of paging system.

1994-Present Consultant Engineer for Hytech Communication.

1993-Present Consultant Engineer for Pagenet Corp. in Texas for their Paging Network in Puerto Rico.

1993-Present Consultant Engineer for Greater San Juan Cable TV for interference analysis to radio communication.

1993-Present Consultant Engineer for Damas Hospital.

1992-Present Consultant Engineer for Bristol Myers Plant in Ponce, PR in electrical power, electronics and communication field.

1991-Present Consultant Engineer for The Puerto Rico Department of Natural Resources (Flood Control Division) electrical power and radio communication.

1992-Present Design, preparation of specifications and supervision of the Mayaguez Municipal Medical and Police Communication System.

1991-Present Consultant Engineer for Celpage in Guaynabo, PR in design of their network and interference analysis.

1991-Present Consultant Engineer for Venegas Construction.

1990-Present Consultant Engineer for Motorola de P.R.

1990-Present Consultant Engineer for Cellular-One of PR, electric, electronics and communications.

1990-Present Consultant Engineer for Catholic University Broadcast Station WEUC AM-FM, electric, electronic and communication engineering.

- 1989-92 Organized, participated and directed major project specification, design and construction for combined fields of Engineering for PR Water and Sewer Authority in Coamo, PR. This project includes the use of a computer that remotes controls by radiowaves wells, booster pumps and tank levels.
- 1989-Present Consultant Engineer for Mr. Beeper in Rio Piedras, PR electrical, electronics and communication engineering.
- 1989-Present Consultant Engineer for Ponce Broadcast WZAR/WLEO electrical, electronic and communication engineering.
- 1987-94 Consultant Engineer for the Puerto Rico Department of Health Emergency Medical Design, prepared specifications, supervised the installation of the Communication System including assisting the EMS in obtaining all license and authorization from the Federal and local Government Agencies. The EMS system is the third largest communication system on the island of Puerto Rico. It consists of a microwave network that link five control centers and seven repeater sites. The DOH-EMS system was the only communication system that stay in operation and survived Hugo Hurricane.
- 1985-Present Consultant Engineer for Rama Construction.
- 1985-Present Consultant Engineer for Adjuntas Municipal Gov.
- 1985-Present Consultant Engineer for Ponce Municipal Civil Defense.
- 198-Present Consultant Engineer for WHOY Salinas.
- 1978-Present Consultant Engineer for Alarmas de Ponce Inc. Designed and construct Telemetric System to control alarms via radiowaves.
- 1978-Present Consultant Engineer for Comas Construction.
- 1976-79 Teleclub design and construction. Dominican Republic largest television multidistribution system using geostationary satellite to link Earth stations
- 1973-77 Director of Instrumentation Department of The Ponce Institute of Technology
- 1973-77 Professor of Electronics and Radio Communication for the Ponce Institute of Technology School.

- 1972-88 Consultant Engineer for Maintenance and Engineering Services (MES) in Ponce.
- 1970-82 Consultant Engineer for Bumble Bee tuna fish plant in Mayaguez for electrical and communication engineering for their Tuna Fish Boat.
- 1970-82 Consultant Engineer for National Packing in Ponce. Design and construction of high frequency and VHF marine coastal station. Responsible for the maintenance of all electronic equipment of the tuna fish boats, including radar, auto pilot, SSB HF and VHF.
- 1970-73 Design and construction of pneumatic and electronics instrumentation project for: PPG in Guayanilla, PR, Puerto Rico Olefins, Corco, and Eli Lilly in Mayaguez.

PROFESSIONAL, CIVIC AND SOCIAL ORGANIZATION MEMBERSHIP

Colegio de Ingenieros y Agrimensores de PR.
 Licensed Professional Engineer Núm. 6059.
 I.E.E.E. (Institute of Electric and Electronics Engineers)
 Puerto Rico Amateur Radio League.
 American Radio Relay League.
 Federación de Radioaficionados de Puerto Rico.